

Exporting Event Areas from OnTheMap for Emergency Management Into OnTheMap

Local Employment Dynamics

OnTheMap for Emergency Management is a public data tool that provides an intuitive web-based interface for viewing the potential effects of disasters on the U.S. workforce and population. The tool incorporates updated hazard event data on a daily basis from authoritative sources. For hurricanes and tropical storms, data is updated 4 times per day starting at midnight.

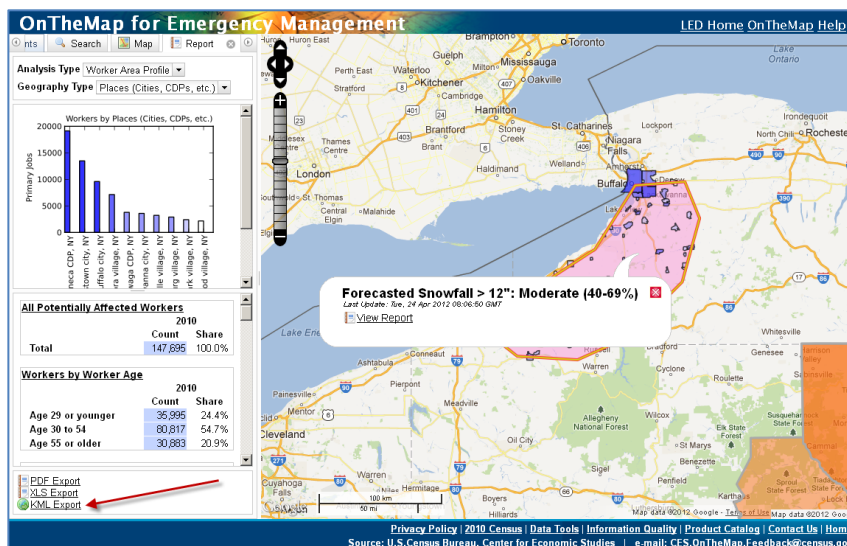
To improve interoperability and allow users to further leverage this automatic updating capability, the tool now offers the ability to export selected emergency event areas to KML (*Google Earth* format) for use in OnTheMap or other GIS applications. This document provides a brief walkthrough of how to export a winter storm area and import it into OnTheMap, where additional workforce related analyses, such as Distance & Direction and Paired Area Analyses, are available.

Select an Event

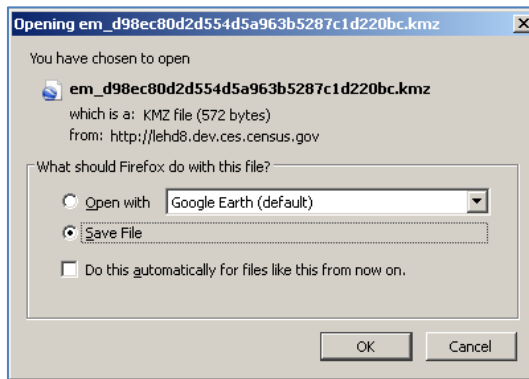
1. Select an event and open the report tab by clicking 'View Report' in the popup window.

Export the Event to KML

2. Click 'KML Export,' located at the very bottom of the report tab.

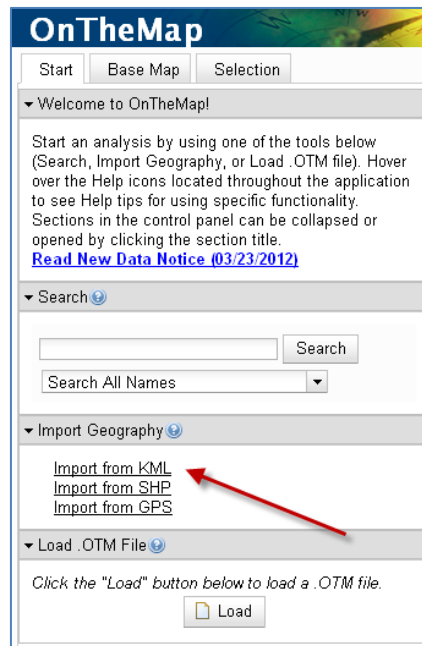


3. After the window appears, select 'Save File' and then click 'OK'.
This saves the event area as a zipped KML file (or .kmz) to the location specified.

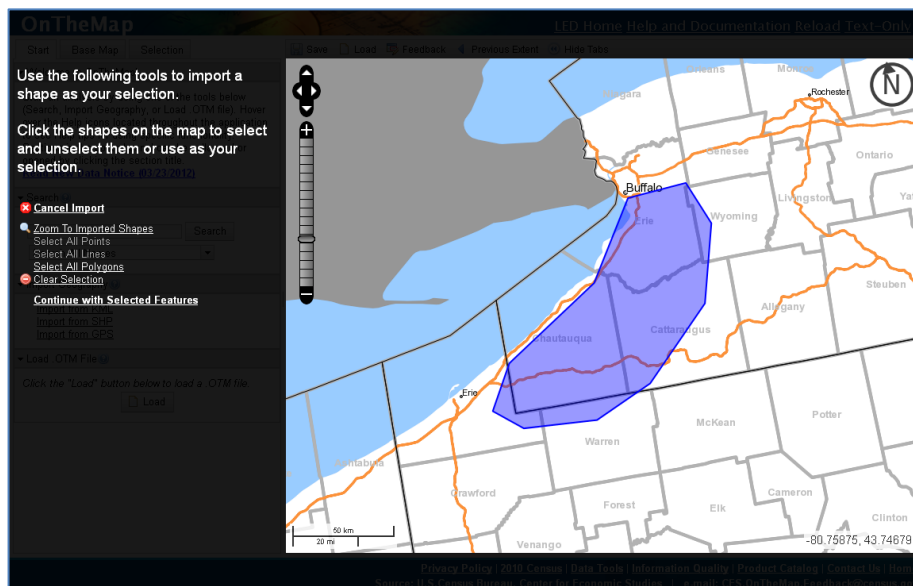


Import the Event into OnTheMap

4. In a web browser, Open OnTheMap and click the 'Import from KML' tool under the Import Geography section on the Start tab.

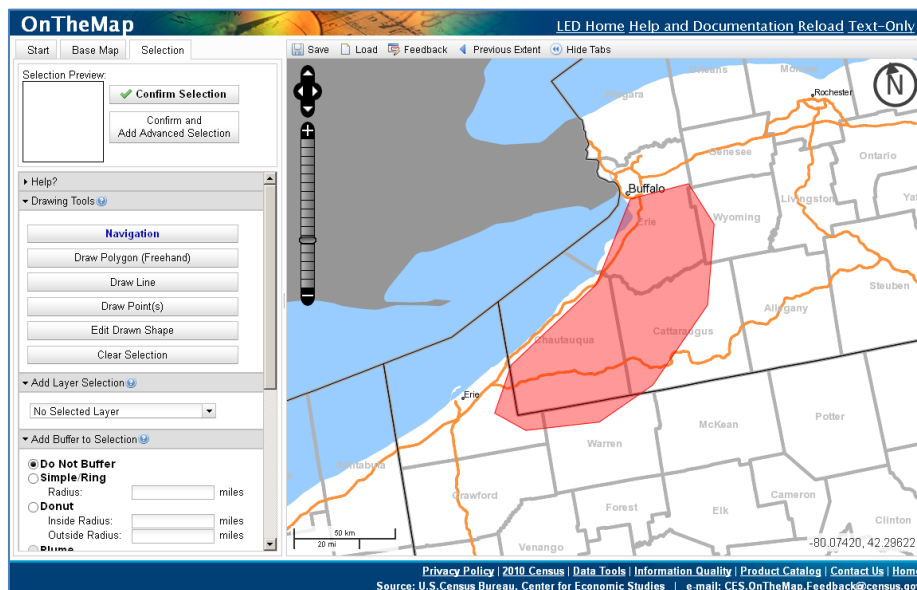


5. In the KML upload window, click 'Browse...' and navigate to the file downloaded from OnTheMap for Emergency Management and Click 'Import.'
6. On the next screen, select the event area. If it is a small event, use the Zoom to Imported Shapes option. It will zoom directly to the area. Once selected, the shape will turn blue. Click 'Continue with Selected Features.'



OnTheMap's selection tab offers many options for altering the selection area to suit a user's needs. The user can add a buffer, for example, or edit the shape of the event area. In this example, however, the selection area will remain as it was reported by NOAA.

7. Click 'Confirm Selection.'



8. Click 'Perform Analysis on Selection Area' to prompt the Analysis Settings popup and continue with a regular analysis.

OnTheMap offers a number of analyses to choose from which may be useful. The specific scenario described here is for illustrative purposes only. The job or worker counts provided by such an OnTheMap analysis are not derived from any post disaster assessments, but rather, are intended to provide a simple quantitative measure, based on recent counts, for estimating the number of workers or jobs *potentially* impacted by a specific hazard event in a given area.

For additional assistance with OnTheMap, please review the Help and Documentation page (<http://lehd.ces.census.gov/led/datatools/onthemap.html>).